



Town Farm Road Culvert Project

Full Mitigation Best Practice Story

Oxford County, Maine

Norway, ME - In the Town of Norway on Town Farm Road, just off its intersection with Route 118, there is a stream that runs across the foot of the road. The culverts under the road continually overflowed making the road impassable. Six times in eight years the road was shut down. After the October 1998 floods, the road was shut down for three days.



The Town knew that it needed a solution to the extremely costly and inconvenient repetitive damage on Town Farm Road. The Town elevated the road by one foot from Route 118 to 100 feet beyond the stream. The Town also replaced two inadequate 6 foot culverts with one 11 foot by 10 inch culvert.

The project was completed in November of 1997. In June 1998, more than 10 inches of heavy rain caused flooding across Central Maine. Town Farm Road, however, did not wash out and remained open to the public. Savings in avoided damages from the June 1998 event and subsequent events over the life of this mitigation project are estimated to be \$42,738.

Standard Homeowner's insurance policies do not cover flood damage. The National Flood Insurance Program makes Federally backed flood insurance available to homeowners, renters, and business owners in participating communities.

Activity/Project Location

Geographical Area: **Single County in a State**

FEMA Region: **Region I**

State: **Maine**

County: **Oxford County**

City/Community: **Norway**

Key Activity/Project Information

Sector: **Public**

Hazard Type: **Severe Storm; Flooding**

Activity/Project Type: **Flood Control**

Activity/Project Start Date: **08/1997**

Activity/Project End Date: **11/1997**

Funding Source: **Hazard Mitigation Grant Program (HMGP); Local Sources**

Funding Recipient: **Local Government**

Funding Recipient Name: **Town of Norway**

Activity/Project Economic Analysis

Cost: **\$25,079.00 (Actual)**

Activity/Project Disaster Information

Mitigation Resulted From Federal
Disaster? **Unknown**

Value Tested By Disaster? **Yes**

Tested By Federal Disaster #: **No Federal Disaster specified**

Year First Tested: **1998**

Repetitive Loss Property? **Unknown**

Reference URLs

Reference URL 1: **<http://www.fema.gov/business/nfip/>**

Reference URL 2: **<http://www.state.me.us/mema/>**

Main Points

- Elevated the road to 100 feet beyond the stream.
- Replaced two inadequate 6 foot culverts with one, 11 foot by 10 inch culvert.
- In June 1998, more than 10 inches of heavy rain caused flooding across Central Maine. Town Farm Road, however, did not wash out and remained open to the public.